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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000			BROOKS, MATTHEW L	
			ART UNIT	PAPER NUMBER
			3629	

DATE MAILED: 11/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/891,197

Applicant(s)

BOYER ET AL.

Examiner

Matthew L. Brooks

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 September 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 June 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

Examiner for purposes of examination used the amended claims submitted on 9/19/2005.

### *Drawings*

1. The drawings **5 and 6** are objected to because there are no lead lines indicating what is going on as described in the specification. For instance; pg 12 of [41] in no way show update of chart and notification. Furthermore; pg 14 [46] states "6a and 6b show a flight operating system control board. With *information that a flight has been delayed an hour...*" Emphasis added to show that a lead number and line should be included to indicate where this is occurring. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are

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not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

2. The drawings 5 and 6 are objected to under 37 CFR 1.83(a) because they fail to show the example as described on pg 13, [044] "...source system may publish the event "UA 732 delayed 45 minutes"..." Examiner turns to Figs. 5 and 6 and no such example nor flight is shown as described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required

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corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Specification***

3. The disclosure is objected to because of the following informalities: Examples shown in specification are not in the drawings 5 and 6 (*see above*).

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

4. All 112 Second Paragraph rejections previously issued have been satisfactorily amended/corrected.

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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2. Claims 1-4 and 6-20 are rejected under 35 U.S.C. 102(e) as being anticipated by patent number 6,496,568 Donald R. Nelson (Nelson).

3. With respect to **Claims 1 and 9**: Nelson discloses

A method for notifying entities of events in an integrated event notification system comprised of a plurality of heterogeneous systems, each entity associated with a different one of the heterogeneous systems, (Column 1, 35-50) Applicant has defined "system" as an individual or entity with in the specification (See page 3, 1-5) and "event" and "entity" very broadly (See Page 3, 7-25 and Page 4, 1-8) the method comprising:

a. detecting a first event of a plurality of events, with the detecting of the event including monitoring information from a memory for the occurrence of an event and publishing the first event upon occurrence of the first event (C1, 50-55; which detects and receives an event, when determines the set of "subscribers" must be memory then provides notification/publish),

b. wherein occurrence of the first event triggers occurrence of at least a second event resulting from a first response to the occurrence of the first event; (Column 2, 1-10 wherein the second event may be receiving a customer response.)

c. automatically transmitting, in response to the detecting of the first event and without user intervention, a notification to the heterogeneous system associated with a first entity of the first event, the first entity having previously subscribed to receive notification of the first event and initiating the first response to the occurrence of the first event (C1, 50-67),

d. with the automatically transmitting of the notification to the heterogeneous system associated with the first entity including determining whether the first entity has previously subscribed to receive notification of the event; (Column 1, 50-66) and

e. automatically transmitting, without user intervention, a notification to the heterogeneous system associated with a second entity of the second event (Column 2, 1-16 Examiner considers "real time data system" to be a second entity because Applicants specification defined systems as entities on Page 3, 1-3. Also, second entity could be, among many things, the "paging system" See Fig 1, 162),

f. the second entity initiating a second response to the occurrence of the second event. (Column 2, 1-16; an alternative embodiment shown with an airline system).

4. With respect to **Claim 2**: Nelson discloses

A method for notifying entities of travel-related events in an integrated event notification system communicably connecting a plurality of entities, the method comprising:, (Column 1, 35-50) Applicant has defined "system" as an individual or entity with in the specification (See page 3, 1-5) and "event" and "entity" very broadly (See Page 3, 7-25 and Page 4, 1-8)

a. detecting a first travel-related event of a plurality of travel-related events, with the detecting of the first travel-related event including monitoring information from a memory for the occurrence of a travel-related event and publishing the first travel-related event upon occurrence of the first travel-related event (C1, 50-55; which detects and receives an event, when determines the set of "subscribers" must be memory then provides notification/publish),

b. wherein occurrence of the first travel-related event triggers occurrence of at least a second additional travel-related event resulting from performance of a first activity in response to the occurrence of the first travel-related event (Column 2, 1-10 wherein the second event may be receiving a customer response.);

c. automatically transmitting, in response to the detecting of the first travel-related event and without user intervention, a notification to a first entity of the first travel-related event, the first entity having previously registered to receive notification of the travel-related event and initiating the activity in response to the notification (C1, 50-67),

d. with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously subscribed to receive notification of the travel-related event (Column 1, 50-66); and

e. automatically transmitting, without user intervention, a notification to a second entity of the second travel-related event (Column 2, 1-16 Examiner considers "real time data system" to be a second entity because Applicants specification defined systems as entities on Page 3, 1-3. Also, second entity could be, among many things, the "paging system" See Fig 1, 162),

f. the second entity initiating performance of a second activity in response to occurrence of the second travel-related event (Column 2, 1-16; wherein Nelson discloses notifying the customer and the "real time data system" which responds by updating the system and Column 2, 1-16; an alternative embodiment shown with an airline system).



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5. With respect to **Claim 10**: Nelson discloses

A data processing system comprising,

a. a memory having program instructions;

b. and a processor responsive to the program instructions for (See Nelson Fig 2):

b1. detecting a first travel-related event of a plurality of travel-related events, with the detecting of the first travel-related event including monitoring information from a memory for the occurrence of a travel-related event and publishing the first travel-related event upon occurrence of the first travel related event (C1, 50-55; which detects and receives an event, when determines the set of “subscribers” must be memory then provides notification/publish),

b2. wherein occurrence of the first travel-related event triggers occurrence of at least a second travel-related event resulting from performance of a first activity in response to the occurrence of the first travel-related event (Column 2, 1-10 wherein the second event may be receiving a customer response.);

b3. automatically transmitting, in response to the detecting of the first travel-related event and without user intervention, a notification to a first entity of the first travel-related event, the first entity having previously subscribed to receive notification of the first travel-related event and initiating the first activity in response to the notification (C1, 50-67),

b4. with the automatically transmitting of the notification to the first entity including determining whether the first entity has previously subscribed to receive notification of the first travel-related event (Column 1, 50-66); and

b5. automatically transmitting, without user intervention, a notification to a second entity of the second travel-related event (Column 2, 1-16 Examiner considers “real time data system” to be a second entity because Applicant’s specification defined systems as entities on Page 3, 1-3. Also, second entity could be, among many things, the “paging system” See Fig 1, 162),

b6. the second entity initiating performance of a second activity in response to occurrence of the second travel-related event (Column 2, 1-16; an alternative embodiment shown with an airline system).

6. With respect to **Claim 3**: Nelson discloses

wherein the second entity initiates a third response in parallel to multiple heterogeneous systems (Column 4, 34-45).

7. With respect to **Claim 4**: Nelson discloses

wherein the second event comprises rebooking a passenger on a different flight (Column 4, 35-40 wherein the customer can select from a list of available alternative flights, hence rebooking).

8. With respect to **Claim 6**: Nelson discloses

automatically transmitting, without user intervention, a notification to the heterogeneous system associated with a third entity of the additional event (Figure 1, 113 and further more this third entity could simply be a notified customer in which Nelson anticipates notifying a “multitude” of entities).

9. With respect to **Claim 7**: Nelson discloses

wherein the third entity is subscribed to receive the notification (Column 4, 65-67 through Column 5, 1-8 wherein if the third entity is receiving the notification inherently it must be registered to receive it).

10. With respect to **Claim 8**: Nelson discloses

wherein the notification occurs in real-time (Nelson's invention and notification is in real-time and examples can be found Column 2, 1-5 and Column 4, 60).

11. With respect to **Claim 11**: Nelson discloses

wherein the heterogeneous system associated with the second entity does not monitor for the occurrence of the first event or the second event (Column 4, 27-31 where in Nelson discloses a standard paging system and pager which certainly does not monitor for events).

12. With respect to **Claim 12**: Nelson discloses

wherein the heterogeneous system associated with the second entity is a non-listening-receiving system (Fig. 1, 162 and Column 2, 52-60 and Column 4, 27-31 as the systems disclosed by Nelson, such as phone and paging, certainly are "non-listening" as defined by Applicant's Specification → see page 9, 14-16; wherein non-listening is equal to capable of receiving information).

13. With respect to **Claim 13**: Nelson discloses

wherein the automatically transmitting of the notification to the heterogeneous system associated with the second entity includes determining whether the second entity has previously subscribed to receive notification of the second event (Column 3, 50-68 and C4, 50-57).

14. With respect to **Claim 14**: Nelson discloses

the first entity having previously subscribed to receive notification of the first event comprises the first entity having previously subscribed to receive notification of a first type of events (Column 1, 60-65 “**subscribers**” and Column 3, 60-68 Examiner considers this to be a customer wishing to be notified of when a customer on a flight registered to be notified of its cancellation, delay or event),

the second entity has previously subscribed to receive notification of a second type of events (Column 3, 60-68 Examiner considers this to be another customer of a different flight that registered to be notified of its cancellation, delay, or event) and

the first type of events is different from the second type of events (Inherently if the two entities were on different flights the type of events to be notified of would be different, such as flight 408 is cancelled and flight 409 is delayed).

15. With respect to **Claim 15**: Nelson discloses

type of events that is information associated with a plurality of entities, that includes information about a flight being delayed or a baggage claim being changed for an entire flight (Column 2, 40-47),

the second type of events is information associated with only a single entity, that includes information about a person having been rebooked on a particular flight (Column 2, 40-45).

16. With respect to **Claim 16**: Nelson discloses

wherein the automatically transmitting of the notification to the second entity includes determining whether the second entity has previously subscribed to receive notification of the second travel-related event (Column 3, 50-68).

17. With respect to **Claim 17**: Nelson discloses

the first entity having previously subscribed to receive notification of the first event comprises the first entity having previously subscribed to receive notification of a first type of events (Column 1, 60-65 “**subscribers**” and Column 3, 60-68 Examiner considers this to be a customer wishing to be notified of when a customer on a flight registered to be notified of its cancellation, delay or event),

the second entity has previously subscribed to receive notification of a second type of events (Column 3, 60-68 Examiner considers this to be another customer of a different flight that registered to be notified of its cancellation, delay, or event) and

the first type of events is different from the second type of events (Inherently if the two entities were on different flights the type of events to be notified of would be different, such as flight 408 is cancelled and flight 409 is delayed).

18. With respect to **Claim 18**: Nelson discloses

the first type of events that is information associated with a plurality of entities, that includes information about a flight being delayed or a baggage claim being changed for an entire flight (Column 2, 40-47),

the second type of events is information associated with only a single entity that includes information about a person having been rebooked on a particular flight (Column 2, 40-45).

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19. With respect to **Claim 19**: Nelson discloses

wherein the automatically transmitting of the notification to the heterogeneous system associated with the second entity includes determining whether the second entity has previously subscribed to receive notification of the second event (Column 1, 60-65 "**subscribers**").

20. With respect to **Claim 20**: Nelson discloses

wherein the automatically transmitting of the notification to the heterogeneous system associated with the second entity includes determining whether the second entity has previously subscribed to receive notification of the second travel-related event (Column 1, 60-65 "**subscribers**").

***Claim Rejections - 35 USC § 103***

21. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

22. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

23. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nelson as applied to claim 1-4 and 6-20 above, and further in view of Patent Number: 6,246,320 (Monroe).

Nelson teaches all of the steps claimed with the exception of notifying ground crew and the rescheduling thereof. Monroe teaches the use of an automatic detector of events and event notification system as a convenient method of providing notification to ground crew and rescheduling thereof (Column 2, 30-60 and Column 3, 30-60 and Column 4 29-55). The business practice of rescheduling ground crew based upon the occurrence of an event is an old and well-established business practice. This practice is designed to ensure smooth operation of the airport and maximize efficiency upon unexpected changes. It improves customer relations and helps to generate return business. It would have been obvious to one of ordinary skill in the art at the time of the invention to include in the method of event notification the notification to ground crew as taught by Monroe to Nelson, in view of the well known business practice of rescheduling of ground crew based upon the occurrence of an event as set forth above. Note the added steps in Monroe, which would include notifying ground crew of an event, are merely the automation of the old and well known manual process thereof.

### ***Response to Arguments***

This is in response to Applicant's arguments beginning on page 9 of 15 in regards to Examiner's initial 102(a) rejection (improperly labeled 103(a) by Applicant).

Applicant states Nelson teaches the following:

"Nelson discloses a **method and apparatus** for providing automated notification to a customer of a **real-time** notification system. The system **provides notification to subscribers** based on some notification event, including notifying airline customers of changes in airline information which affects their travel plans (e.g., a flight schedule event such as a flight cancellation, a flight status event such as boarding, or marketing events such as an incentive to change flights). The notification can occur using various communication devices, such as pagers, cell phones, email, etc. As opposed to notifying all customers, selected groups of customers may be notified with the groups being based on some predetermined criteria, such as frequent-flier level, class of service, or price of the ticket, such that the selected groups or individual customers are given preferential treatment. A customer message manager may be employed to notify a set of subscribers based on relevant changes in information. In **one embodiment disclosed by Nelson, the customer message manager polls an airline system to receive airline information** (note here however that it may poll or may receive C 2, 35-37), evaluates the information to determine notification events, determines a set of customers to provide notification of the general notification event, and initiates notification to the set of customers in the order identified by a predetermined criteria."

Applicants own admission of what the prior art teaches is sufficient still to meet the scope, for 102 purposes, of what the Applicant Claims.

In response to page 10, 3<sup>rd</sup> paragraph Applicant states the terms "information from a memory" and "subscribed" have been added to claim 1. Nelson as per



Applicants own admission teaches notifying subscribers and inherently must monitor information from a memory in order to know which subscribers to notify.

In response to 2<sup>nd</sup> and 3<sup>rd</sup> full paragraphs on page 11, Applicant places reliance on Figs 5A and 5B and tells Examiner that present on the Figs is Flight 732; yet when Examiner turns to the specification and the Figs. no working example is shown nor can Examiner readily make out what is occurring in the Figs, furthermore no "Flight 732" is shown on Figs. 5 or 6. As to the system "listens" Examiner turns to Column 2, 35-37 where in Nelsons system can either receive information or "poll". Applicant's own specification defines listening system as one that is capable of receiving and further states that the distinction may not even be relevant. (Page 9 [033]). Furthermore, subscribe and publish technology was old and well known of at the time of the invention along with the use of a subscribe and publish method was old and know in business as a way of updating/informing consumers about information relevant to them. For instance joining a band's fan club a member submits their e-mail address then if a concert is occurring a publication and notification thereof occurs. As to monitoring information from a memory for the occurrence of an event and publishing and event upon occurrence Nelson must monitor a memory for the occurrence of an event otherwise Nelson's system would not know what events to notify subscribed customer of and there would be no purpose of Nelson's system.

With respect to page 12, first full paragraph, Applicant states "Nelson requires the CMM to poll airline databases for changes or updates (i.e., pull technology), while the publish/subscribe technology of the claimed invention provides real-time updates

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and automatically provides notification of a requested event to subscribers upon the occurrence of an event (i.e., push technology)." Examiner submits that Nelson does not require polling, that this is only required in one embodiment as taught (Column 2, 35-40 "or CMM may poll"). As to the "pull vs. push" technology argument Examiner turns to Newton's Telecom Dictionary, with a 102(b) date attached herein, which shows that the "push technology" was old and well known with in the art and further states how it is used "Instead of seeking out information, information seeks you..." and "... you register your interests (ie flight status)... Automatically you are then presented with notification of changes in that information, as changes take place." Applicants invention at best is an obvious variation/substitution of information of what is shown with in the dictionary definition.

Second full paragraph on page 12 is moot in view of the fact that Examiner no longer issued the 102 rejection in view of Monroe.

As to second full paragraph on page 13 of Remarks Applicant states Nelson does not disclose determining whether a first entity has previously subscribed to receive notification of an event. However Examiner turns to column 1, 56-57 which states "...determining the set of subscribers to provide notification of the received notification event". Even though the word "subscriber" is used assuming Nelson did not mean this, Nelson specifically teaches, this is all based on a *pre-determined criteria*, it would be no great stretch that the predetermined criteria would be that a user signed up or requested to be notified.

As to full 3<sup>rd</sup> paragraph on page 13 although now moot, Examiner points out for purposes of 103, why would Monroe notify user of an event if the entity had not previously subscribed or requested notification of some manner of said event? Monroe would not notify random persons/entities at random.

***Conclusion***

24. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure include Toy Patent Number 4,554,418.

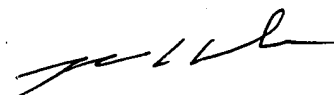
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew L. Brooks whose telephone number is (571) 272-8112. The examiner can normally be reached on Monday - Friday; 8 AM - 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Weiss can be reached on (571) 272-8112. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MLB

10/31/2005



JOHN G. WEISS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600